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ICONES RERUM NATURALIUM,

QUAS

IN ITINERE ORIENTALI

DEPINGI CURAVIT

P. H. H.
PETRUS FORSKÅL,

PROF. HAUN.

POST MORTEM AUCTORIS

AD REGIS MANDATUM

ÆRI INCISAS EDIDIT

CARSTEN NIEBUHR.

HAUNIÆ,

EX OFFICINA MÖLLERI, AULÆ TYPOGRAPHI.


MDCCLXXVI.



ICOMES
R E R U M
NATURALIUM

IN ITINERARIO ORIENTALI
JANUARI 1871





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MONITUM.

Hisce tabulis, numero XLIII, exhibentur figurae rerum naturalium, quas in itinere orientali per *Bauwenfeindium* depingi curavit Cl. *Forskål*. Earum in prooemio ad descriptiones animalium in eodem itinere observatorum jam facta est mentio, & quod de manuscriptis Auctoris ibi monitum est, valet etiam de his figuris. Hoc praesertim curae habitum est, ut sub sculptoris manu nec mutiletur figura ulla, nec dubio supplemento augeatur, si quam non perfecerat pictoris penicillus; & ne scientiae naturali derrahatur fructus aliquis ex Auctoris labore indefesso hauriendus, imperfectae una cum perfectis sistuntur.




Explicatio figurarum vel nulla, vel incompleta inter schedulas *Forskâlianas* reperta est. Hinc quæ tabulis præmittitur, facta est instituta comparatione inter figuras & descriptiones, ut defectus ille, quousque fieri potuit, suppleatur, quod consultius ductum est, quam lectori hunc laborem relinquere.

Ut repetitio superflua evitetur, nominibus *Forskâlianis* apposita tantum est pagina & numerus speciei in ejus operibus, nempe Flora Ægyptiaco-Arabica, Tab. I--XX, & descriptionibus Animalium, Tab. XXI--XLIII.

DSI

EXPLI-



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 e. 2. *Ventri incumbens.*
 F. f. Ejusdem varietas, corpore ovali postice obtusiore.
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 h. 2. *Ventri incumbens.*
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 . An *Nereis cirrosa*. L. S. N. Tom. I. Pars. II. pag. 1085. n. 3?
 at defunt cirri laterales.
 i. 1. *Eadem, magnitudine aucta.*
 i. 2. *Pars corporis anterior, inferne visus, setarum fasciculos monstrans.*
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 k. 1. *Eadem visa a parte inferiore.*
 k. 2. *Os, quod in centro figuræ k. 1. videtur, extensum.*
 k. 3, 4, 5. *Specimina minora, vario situ visa.*
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- A. PRIAPUS ruber. Pag. 102. n. 10.
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 Priapi Equiti a Linné quondam dicti nunc Adiniæ nomine in ejus
 S. N. inscribuntur.

D. AL-



D. ALCYONIUM Phusca. Pag. 129. n. 82.

An Ascidia gelatinosum. L. S. N. Tom. I. P. II. pag. 1087. n. 2.

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MEDUSA octostyla. Pag. 106. n. 18.

TAB. XXXI.

MEDUSA Andromeda. Pag. 107. n. 19.

TAB. XXXII.

MEDUSA æquorea. Pag. 110. n. 28.

1. *Margo oris versatilis.*

2. *Radii membranacei undulati inter ventriculum disci & marginem circumsum.*

3. *Radius longitudinaliter extensus ut crispatura evanescat, in quo videtur membrana alba longitudinalis media, connectens membranas laterales violaceas.*

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A. MEDUSA cruciata. Pag. 110. n. 27.

a. 1. *A parte inferiore visa.*

a. 2. *A latere visa.*

B. MEDUSA Persea. Pag. 107. n. 21.

b. *A parte inferiore visa.*



- C. MEDUSA mollicina. Pag. 109. n. 25. *Latus inferius.*
 c. *Situ horizontali, margine deflexo.*
- D. MEDUSA pileata. Pag. 110. n. 26. *In specimine depicto integumenta remota sunt, ut nucleus lobatus undulatus, cujus in descriptione l. c. mentio facta est, appareat.*
- E. PHYSSOPHORA hydrostatica. Pag. 119. n. 45.
 c. 1. *Vesiculæ laterales trilobæ, oppositæ.*
 c. 2. *Pars inferior pone ventriculum & os, in qua videntur tentacula, cirri, & vesiculæ globosæ unius lateris quinque, alterius tres.*
- F. PHYSSOPHORA filiformis. Pag. 120. n. 47.

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- A. PTEROTRACHEA coronata. Pag. 117. n. 41.
 1. *Proboscis.* 2. *Frontis coronula spinis constans.* 3. *Oculus dextri lateris.* 4. *Sacculus vel gula duplex.* 5. *Pinna.* 6. *Pinnula campanulata pinnae affixa.* 7. *Ans.* 8. *Cauda.* 9. *Ejus pinnula.*
- B. PTEROTRACHEA hyalina. Pag. 118. n. 42.
 1. *Caput.* 2. *Oculi ad basin capitis.*
- C. PTEROTRACHEA aculeata. Pag. 118. n. 44.
 1. *Nucleus.* 2. *Caput?* 3. *Trunci plica in latere dextro.* 4. *Cylindrus in medio trunco pellucens.* 5. *Lobus cristatus ad nucleum latus sinistrum.* 6. *Cauda.* 7. *Pinnulae caudæ.*
 c. *Cauda cum Tania.*
- D. PTEROTRACHEA, cujus icon, non vero descriptionem reliquit defunctus *Forskål.* Differt a præcedente nucleo 1. non ovato acuto, sed obtusissimo & fere orbiculato; corpusculo falcato, 2. pone nucleum, cujus loco præcedenti est corpusculum pluma cristatum ante nucleum; Pinnula caudæ 3. triplici; & defectu capitis, quod in præcedente figura Ziphera 2. denotatur. At pars ibi depicta, quamvis in explicatione figuræ ab ipso descriptore exhibita capitis nomine insignitur, potius videtur gelatinosæ substantiæ pars abrupta, quum
 e de-



e descriptione l. c. pateat, specimen descriptum fuisse mortuum, nec ibi Capitis a trunco distincti mentio fit, os vero in gelatina, qua cylinder trunci translucens terminatur, esse dicitur. 4. Pars anterior, in qua oculus.

TAB. XXXV.

A. SALPA maxima. Pag. 112. n. 30.

a. 1. *Varietas, appendicibus corporis longitudine.*

a. 2. *Plures dorsibus coherentes.*

1. *Os.* 2. *Nucleus.* 3. *Anus.* 4. *Appendix posterior vel analis.*

5. *Appendix anterior.* 6. *Intestinum obliquum transverse striatum.*

B. SALPA pinnata. Pag. 113. n. 31.

b. 1. *Varietas, lineis abdominis longioribus interruptis.*

b. 2. *Plures in associatione, junctis appendicum apicibus coherentes.*

1. *Os.* 2. *Anus.* 3. *Appendix dorsalis in speciminibus. B. ♂ b. 2.*

3. *In Specimine b. 1. linea abdominis intermedia.* 4. *Lineæ laterales interruptæ.*

C. SALPA punctata. P. 114. n. 34.

1. *Os.* 2. *Nucleus.* 3. *Anus.*

TAB. XXXVI.

A. SALPA confederata. Pag. 115. n. 35.

1. *Os.* 2. *Nucleus & in eadem extremitate anus.*

a. *Affociatio plurium.*

B. SALPA fasciata. Pag. 115. n. 36.

1. *Os.* 2. *Nucleus.* 3. *Anus.* 4. *Intestinum curvatum, striatum.*

C. SALPA africana. Pag. 116. n. 38.

1. *Os.* 2. *Nucleus.* 3. *Anus.* 4. *Nucleus albus ad apicem pinnae, quæ a regione oris ultra medium dorsi longitudinaliter extenditur.* 5. *Nucleus alter albus, retortæ forma.*



- D. SALPA mucronata. Pag. 114. n. 33.
 1. Os. 2. *Mucro ad oris latus.* 3. *Mucro ad ani latus.*
- E. SALPA, quæ non descripta est.
Ad 1. nucleus huic generi proprius videtur.
- F. SALPA polycratica. Pag. 116. n. 40.
 1. Os. 2. *Nucleus.* 3. *Anus.*
- G. SALPA democratica. Pag. 113. n. 32.
 1. Os. 2. *Nucleus cinctus circulo multiradiato.* 3. *Setæ caudales.*
 4. *Aculei inter setas caudales.* 5. *Setæ vel aculei laterales.*
 g. *Extremitas, in qua os.*
- H. SALPA maxima (cfr. Tab. XXXV. A.) monstruosa, intestino maximo obtusissimo per anum protruso.
 1. Os. 2. *Nucleus.* 3. *Appendix analis.* 4. *Appendix anterior.*
- I. MEDUSA proboscidalis. Pag. 108. n. 23.
 1. *Proboscis.* 2. *Ejus membrana terminalis plicata.* 3. *Folia petiolata.*

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- A. MADREFORA.
- B. MADREFORA dædalea? Pag. 133. n. 7.
- C. MADREFORA incrustans? Pag. 135. n. 16.
- D. MADREFORA.
- E. FISTULARIA vittata. Pag. 121. n. 48.
- F. Ejusdem varietas, vittis albis interruptis, l. c. descripta.

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- A. FISTULARIA reciprocans. Pag. 121. n. 49.
- B. FISTULARIA maxima. Pag. 121. n. 50.
 b. *Os linguarum retractarum peltis orbiculatis cinctum.*

TAB. XXXIX.

- A. FISTULARIÆ species, non descripta.
Tentacula terminata in umbellam e ramis ramulisque clavatis distinguunt speciem hanc, quæ ceterum præcedenti maximi affinis est.

B. FI-



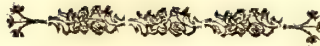
- B. FISTULARIA impatiens. Pag. 121. n. 51.
 b. *Pelta tentaculi l. Linguae septemfida denticulata.*
 C. LITOPHYTON fulvum? pag. 139. n. 33.
 c. Idem dissectum, ut interna structura appareat.
Ad ALCYONIA L. referri debet.

TAB. XL.

- A. BUCCINUM quod ad B. Arcularia L. accedit.
 B. ANOMIA tridentata. Pag. 124. n. 63. testa longiore minus convexa ob-
 versa.
 b. 1. Eadem *testa altera convexiore & brevior obversa, alis expansis tes-
 tae longioris parti prominenti incumbens, & membranula undiqua-
 que exserta.*
 b. 2. Animal, post observationem in spiritu vini exemptum.
 C. HELIX janthina, natans ope vesicularum. Pag. 127. n. 75.
L. S. N. Tom. I. P. II. pag. 1246. n. 689.
 c. 1. *Ejus Caput, l. pars anterior, tentaculis quatuor recurvatis.*
 c. 2. Eadem, *exsertis partibus nonnullis praeter vesicularum massam.*
 c. 3. Eadem *pluribus partibus exsertis.*
 c. 4. *Intestinum e Proboscidis labiis protrusum, apice umbilicatum, quod
 matrix putatur.*
 D. CONI species, monstrans animalis inhabitantis proboscidem cylindricam
 truncatam & oculos tentaculatos, vel tentacula cylindrica oculifera
 pone apicem appendiculata.
 E. CYPREAE species, monstrans partem animalis anteriorem & velum murica-
 tum vel aculeatum, supra testam ab utroque latere revolutum.
 F. VOLUTAE species, in qua velum ab utroque latere supra testam revolutum
 visu est.

TAB. XLI.

- A. a. MADREPORAE species, incrustans, colore coeruleo.
 B. b. ALCYONII? species, colore incarnato.



C. c. MADREFORA.

D. d. CANCER sedentarius. Pag. 95. n. 59.

E. SALPA solitaria. Pag. 116. n. 39.

TAB. XLII.

MADREFORA Fungites. Pag. 134. n. 10. Obtecta membrana vesiculifera.

1. Centrum oblongum, in quo radii confluunt.
2. Pars membranae radios obtegens.
3. Radii nudi denticulati.

TAB. XLIII.

A. PTEROTRACHEA pulmonata. Pag. 118. n. 43.

1. Caput. 2. Oculi. 3. Gula duplex. 4. Pinna. 5. Membrum papillis plumosis instructum. 6. Cauda.

B. b. PHYSSOPHORA rosacea. Pag. 120. n. 46.

1. Vesica. 2. Cirri.

C. SALPA Siphon. Pag. 115. n. 37.

D. GLEBA cordata.

E. GLEBA Hippopus.

Hæc animalcula non descripta, sed modo delineata hisque nominibus insignita tradidit Cl. Forskål. Color est aqueus & substantia gelatinosa.

F. Animal molluscum generis ignoti non descriptum, visum a latere.

f. Idem visum a parte inferiore.

Apex tubi erecti in F. & Centrum baseos obversa in f. puncto rubro notatum. Color ceterum albus, & substantia magis solida, quam præcedentium D. & E.





Appendicis loco SYNONYMA aliquot Plantarum, ex observatis
in horto botanico, heic subjungimus.

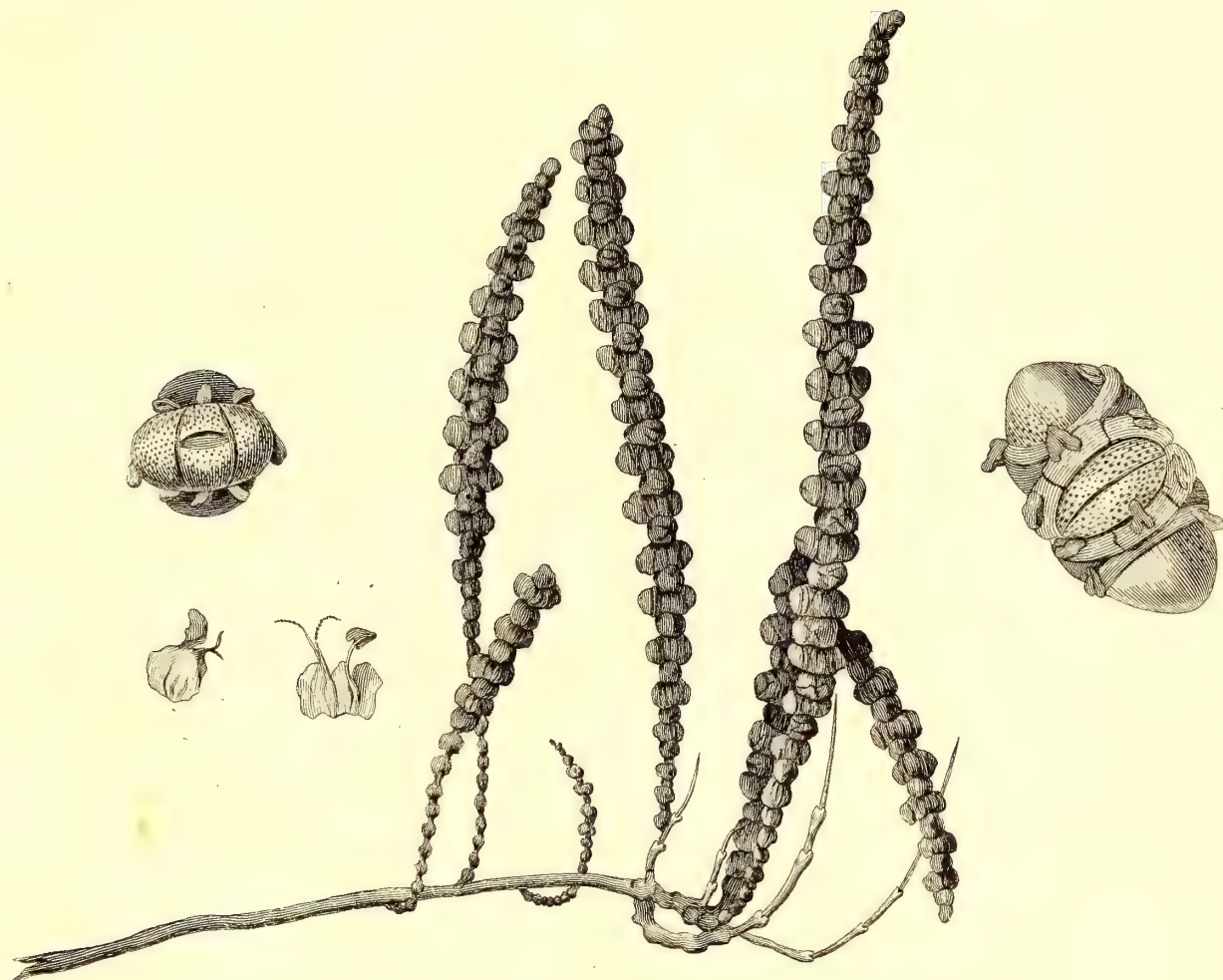
Nomina *Forskåliana* in flora
Ægyptiaco-Arabica.

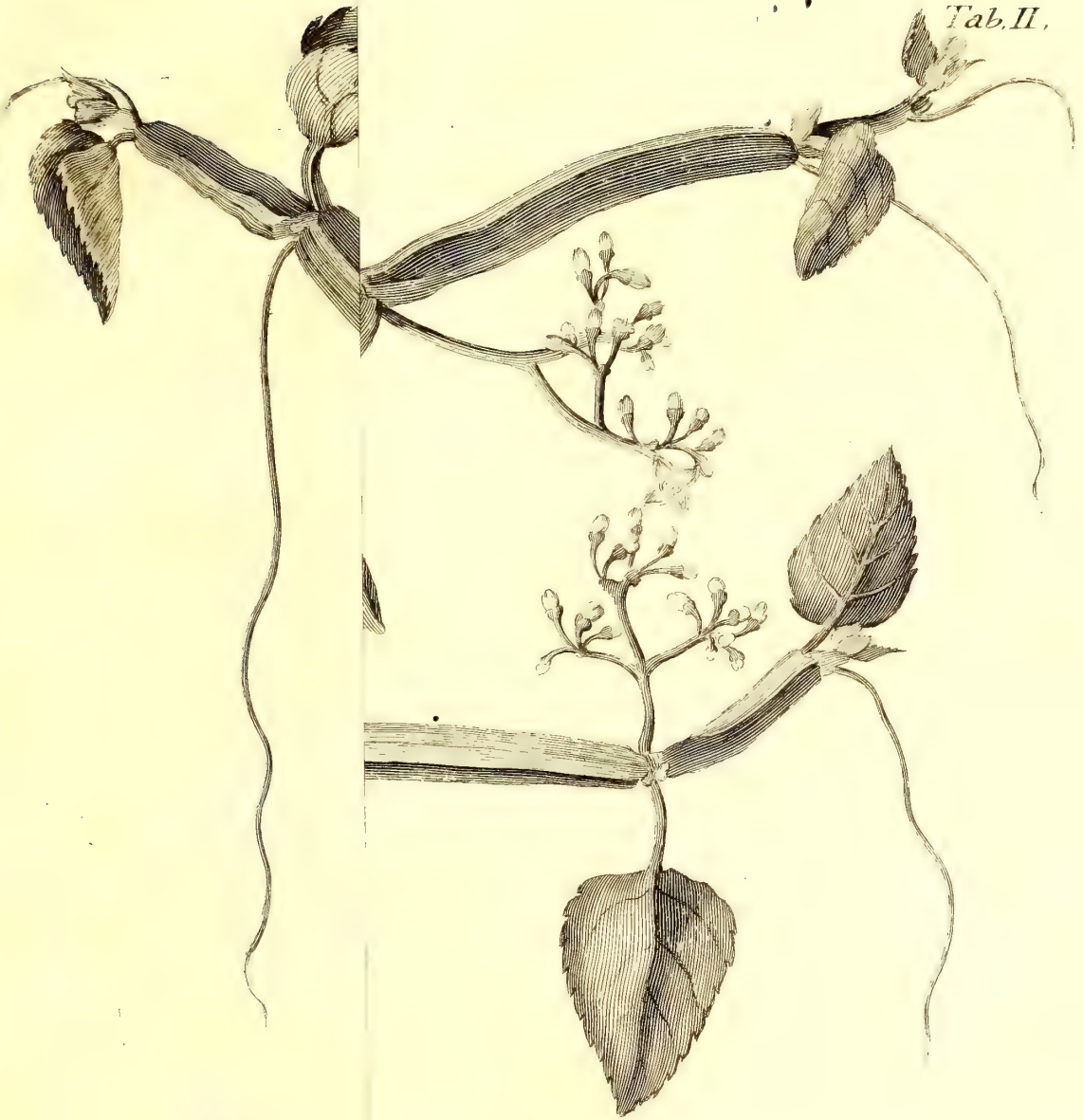
Verbena capitata. Pag. 10.
Salvia bifida. Pag. 202.
Pentaglossum linifolium. Pag. 11.
Phalaris muricata. Pag. 202.
Crucianella herbacea. Pag. 30.
Plantago decumbens. Pag. 30.
Scoparia ternata. Pag. 31.
Pteranthus. Pag. 36.
Pharnaceum umbellatum. Pag. 58.
Pharnaceum occultum. Pag. 58.
Papularia crystallina. Pag. 69.
Racoma. Pag. 71.
Portulaca linifolia. Pag. 92.
Corchorus æstuans. Pag. 101.
Mnemofilla ægyptiaca. Pag. 122.
Lorus rosea. Pag. 140.
Erigeron ferratum. Pag. 148.
Polycephalos. Pag. 154.

Nomina *Linnaæana* in Systematis na-
turæ Editione duodecima.

Verbena nodiflora.
Salvia *Forskålîi*.
Lytbrum Thymifolia.
Cenchrus racemosus.
Crucianella ægyptiaca.
Plantago cretica.
Scoparia dulcis.
Camphorosma Pterianthus.
Pharnaceum Cerviana.
Mollugo verticillata.
Triantema monogyna.
Triantema pentandra.
Portulaca quadrifida.
Corchorus trilocularis.
Hypecoum erectum.
Lorus arabica.
Erigeron ægyptiacum.
Sphæranthus indicus.













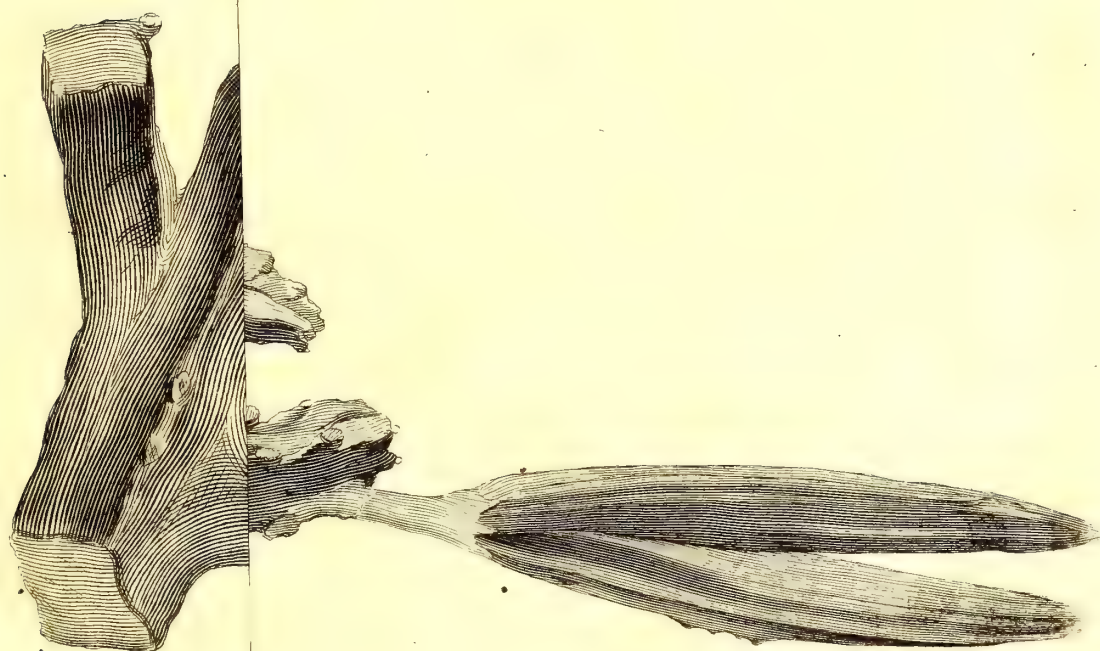




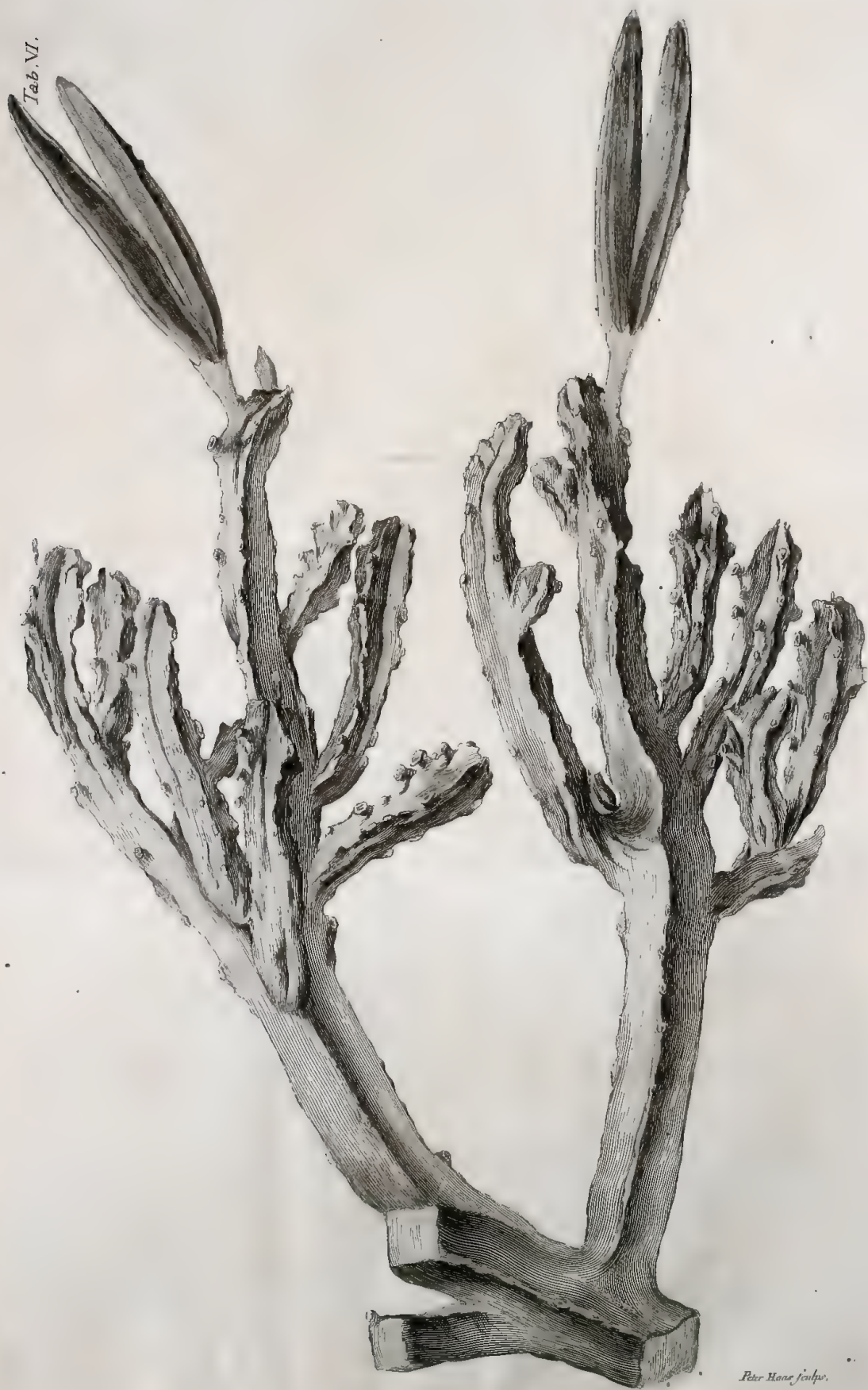




Tab. VI.



Peter Haas sculp.

























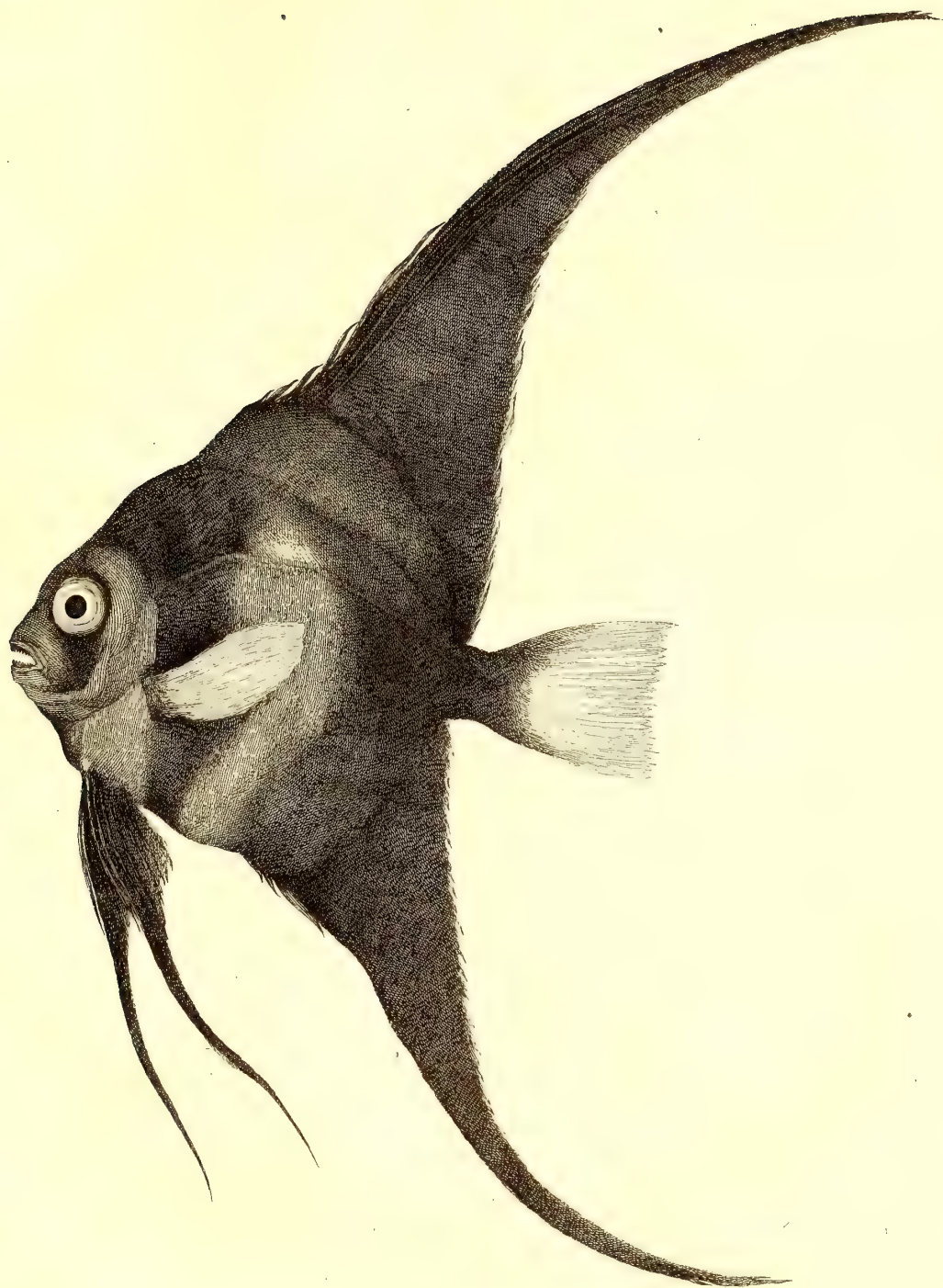




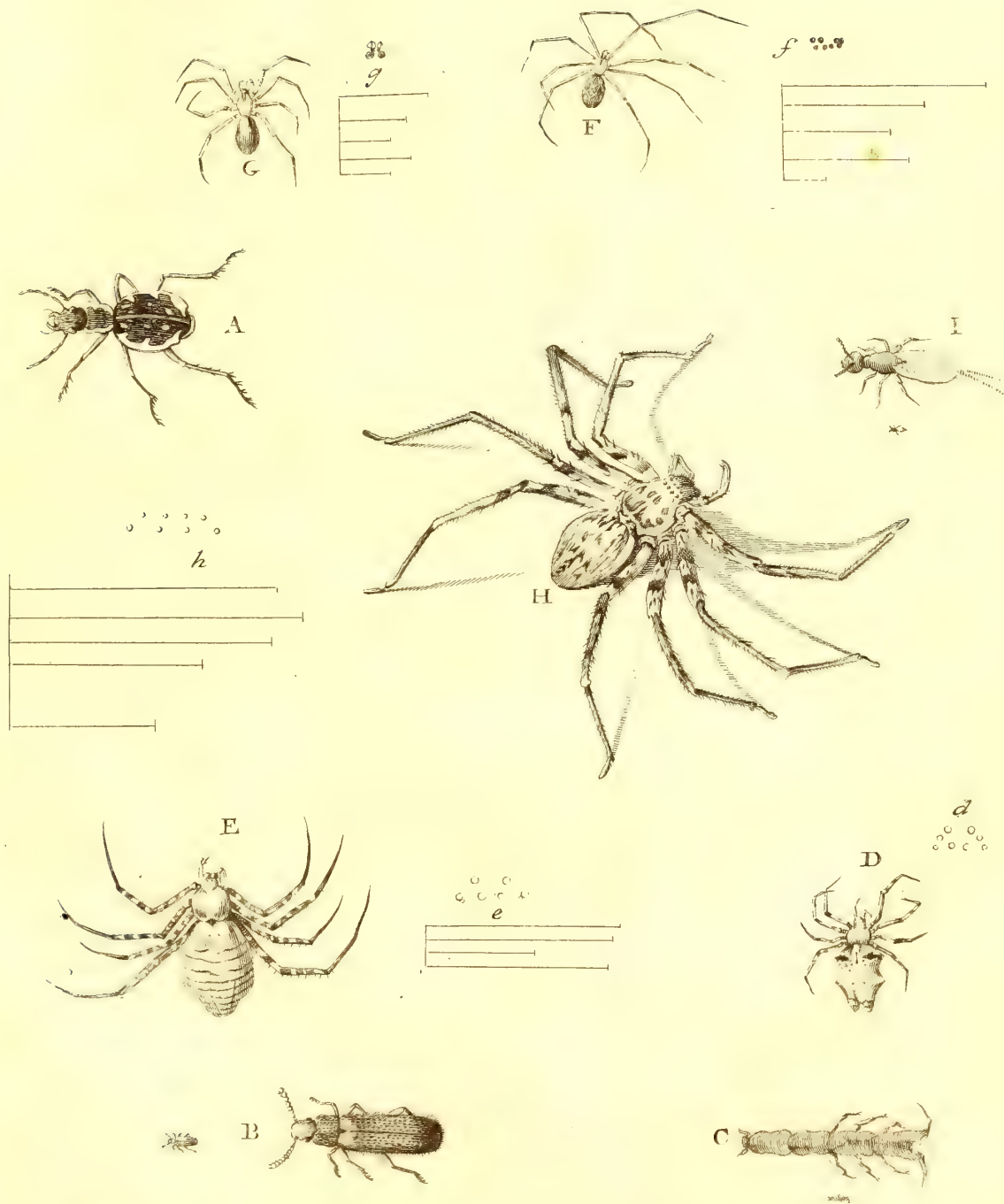














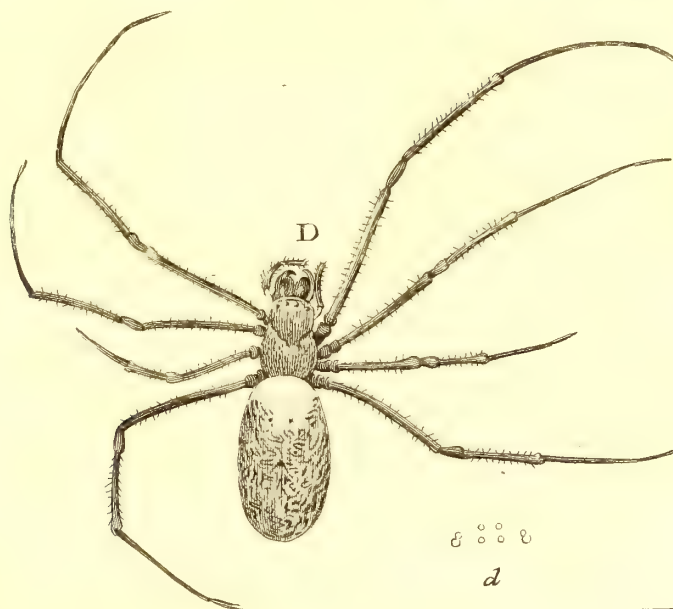
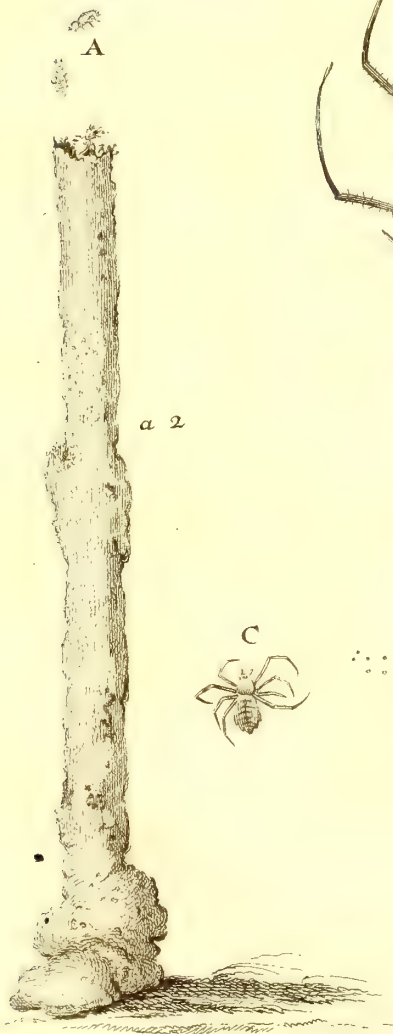
A



B

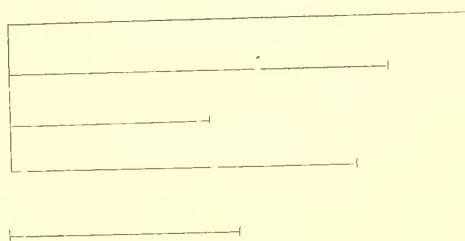


A



♂ ♂ ♂ ♂

d



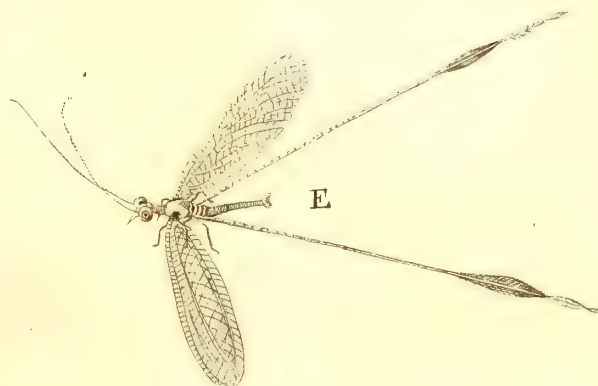
C



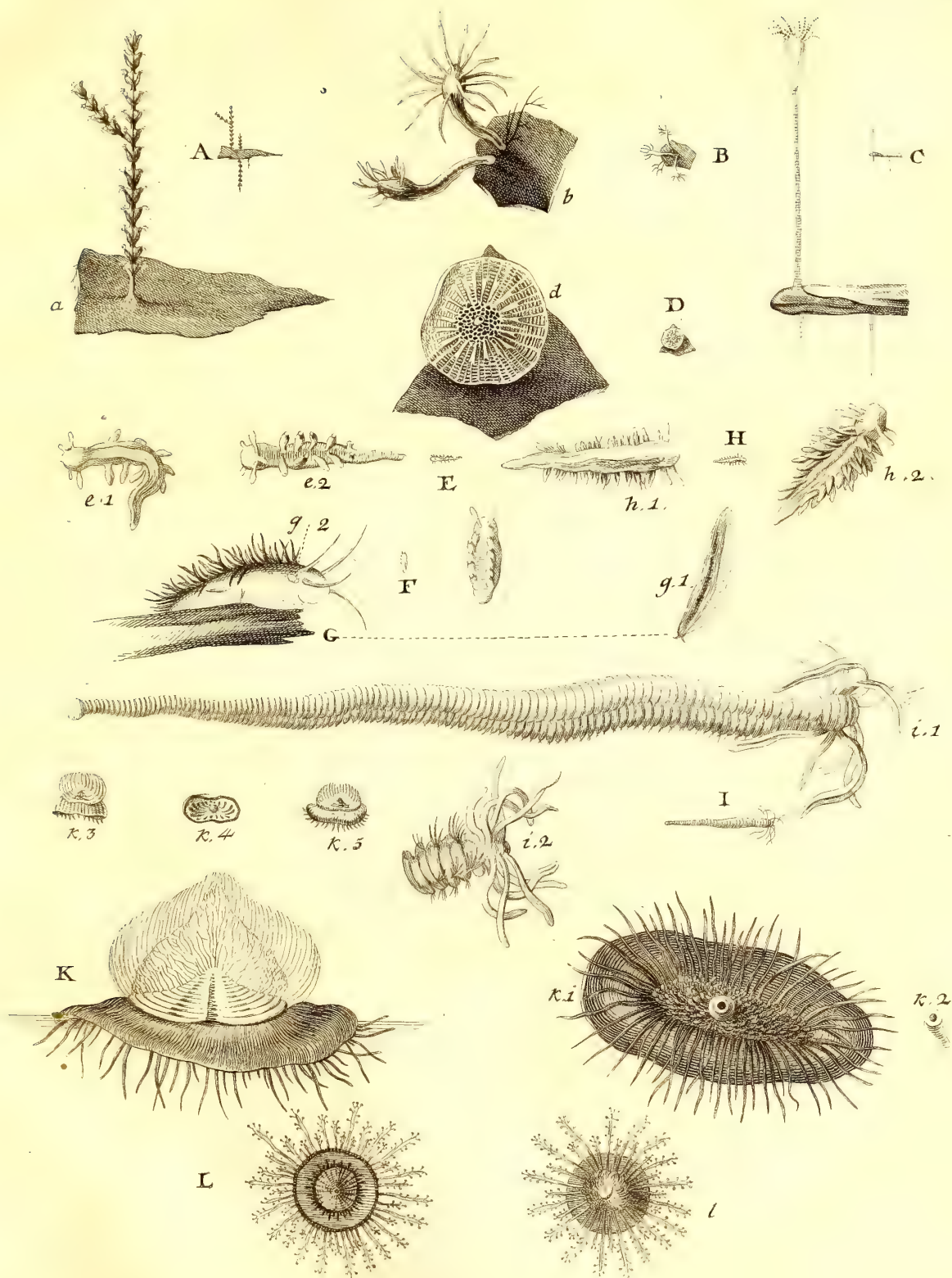
c

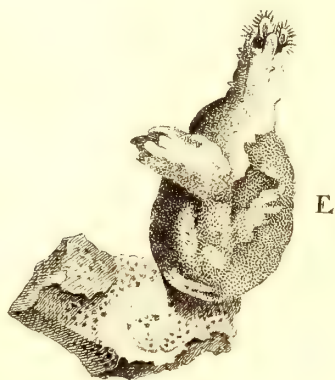
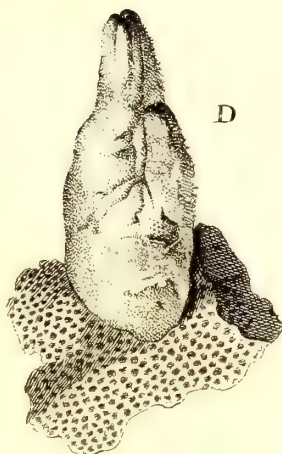
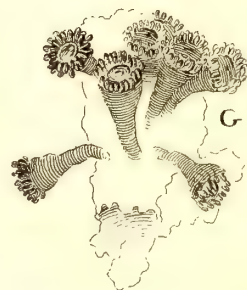
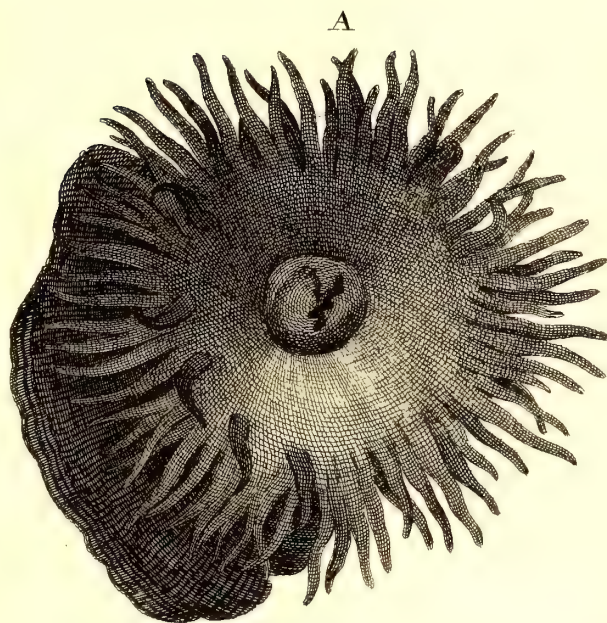
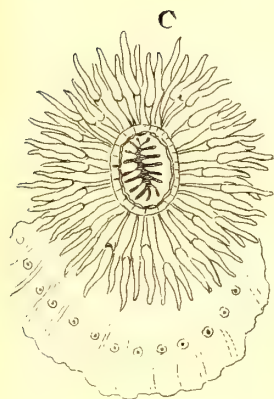
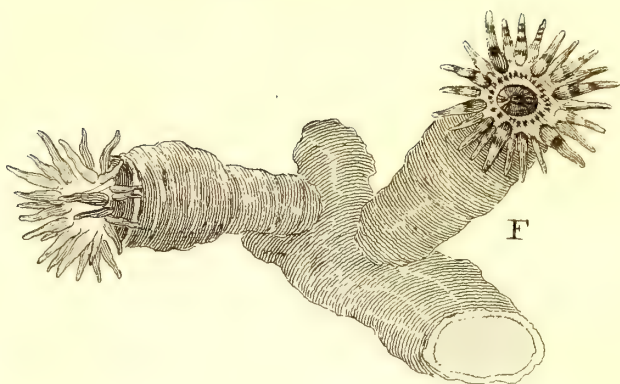
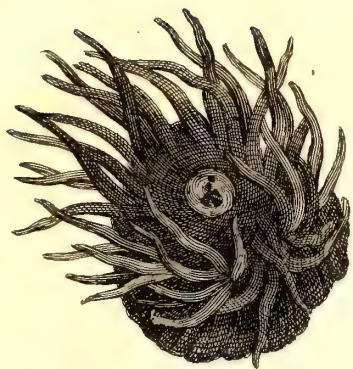


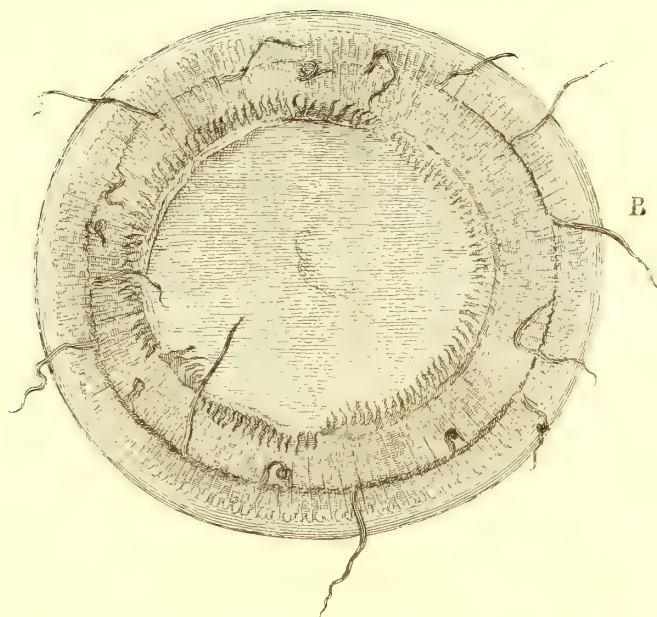
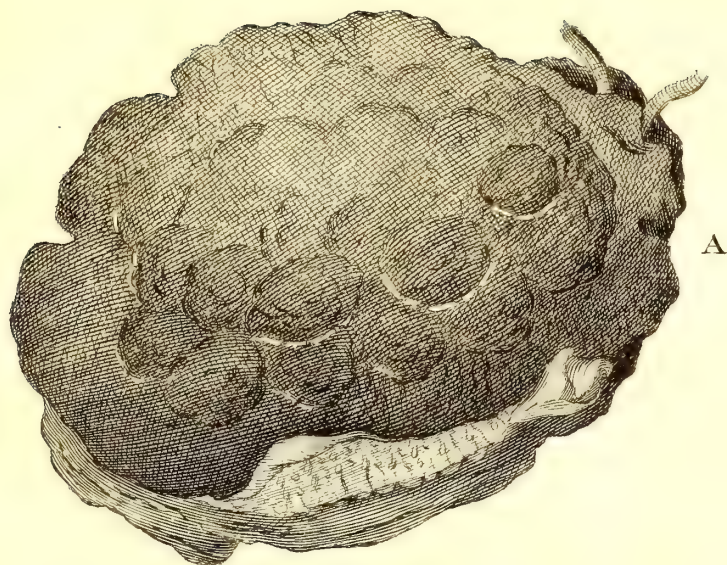
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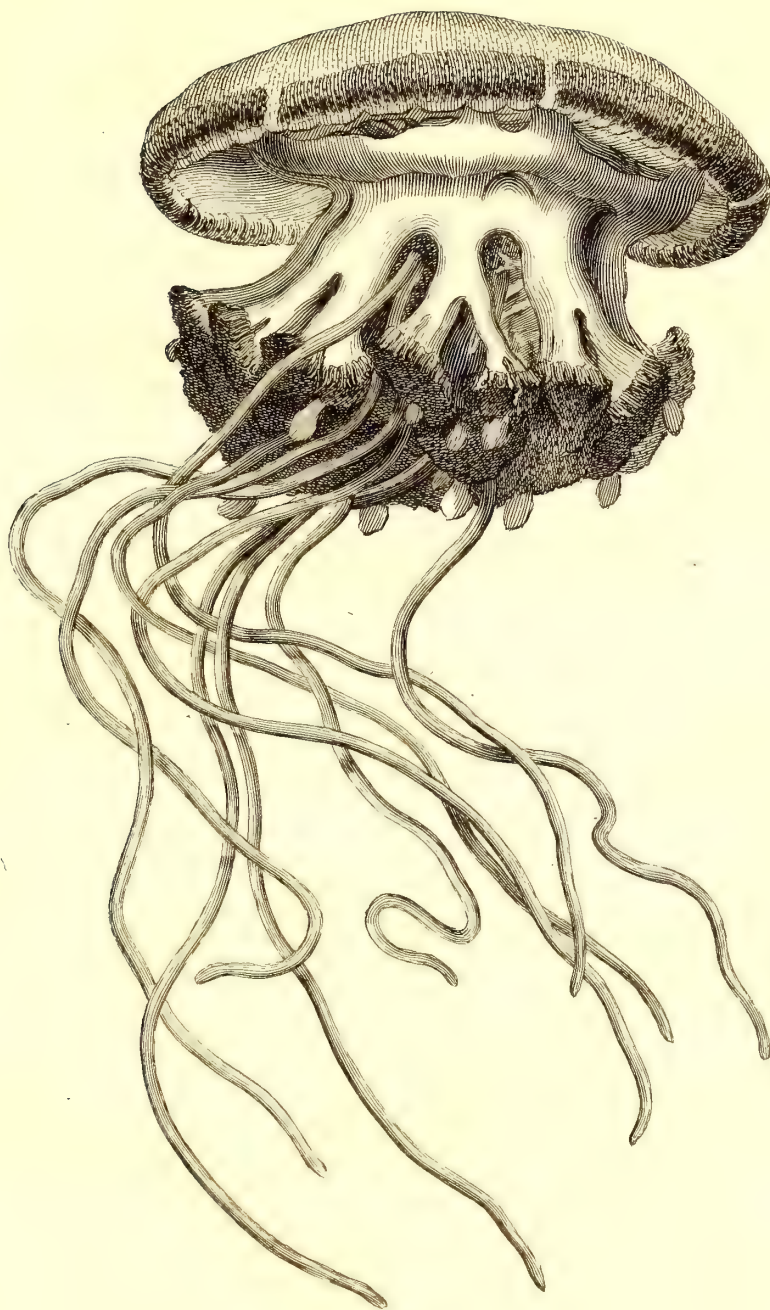


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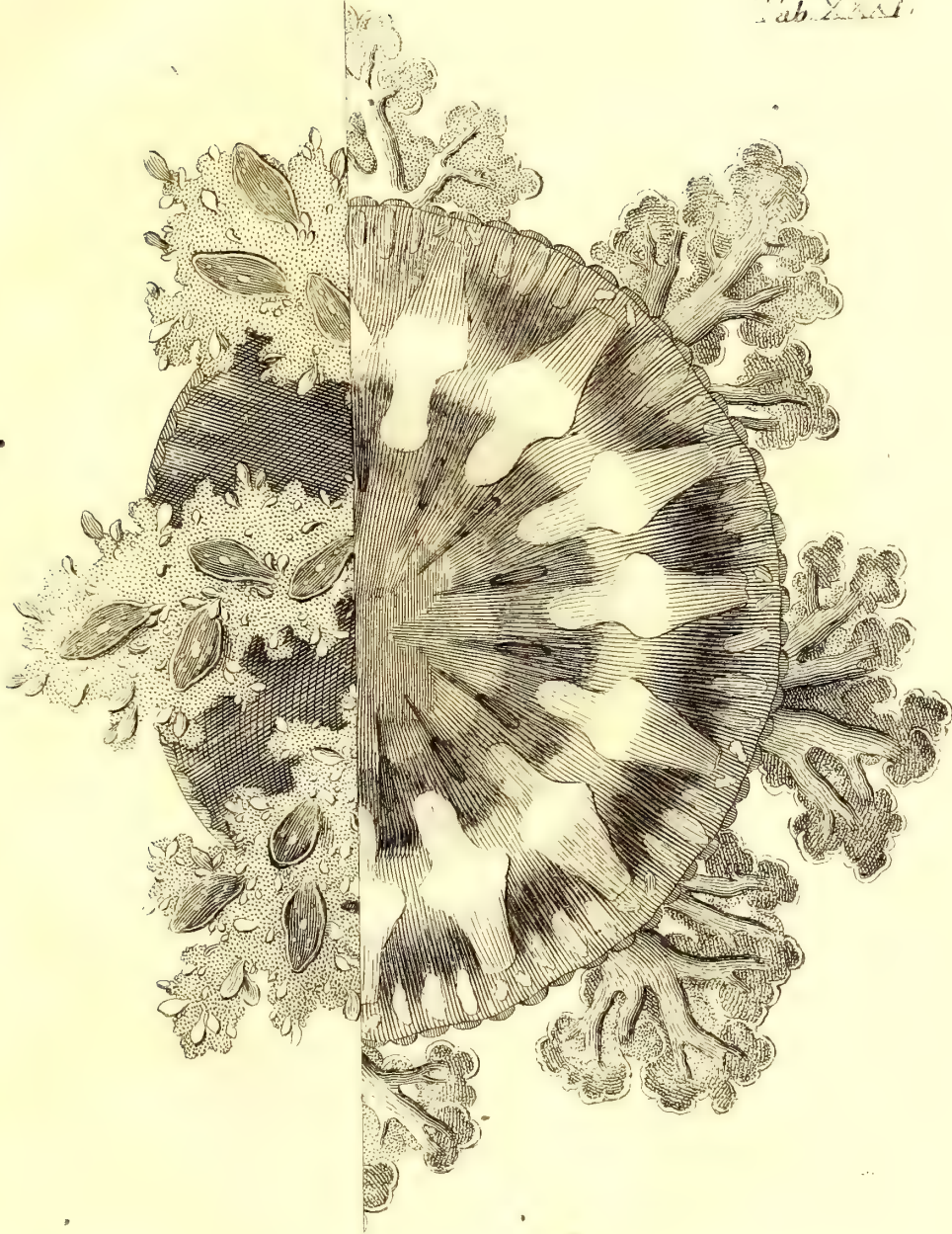


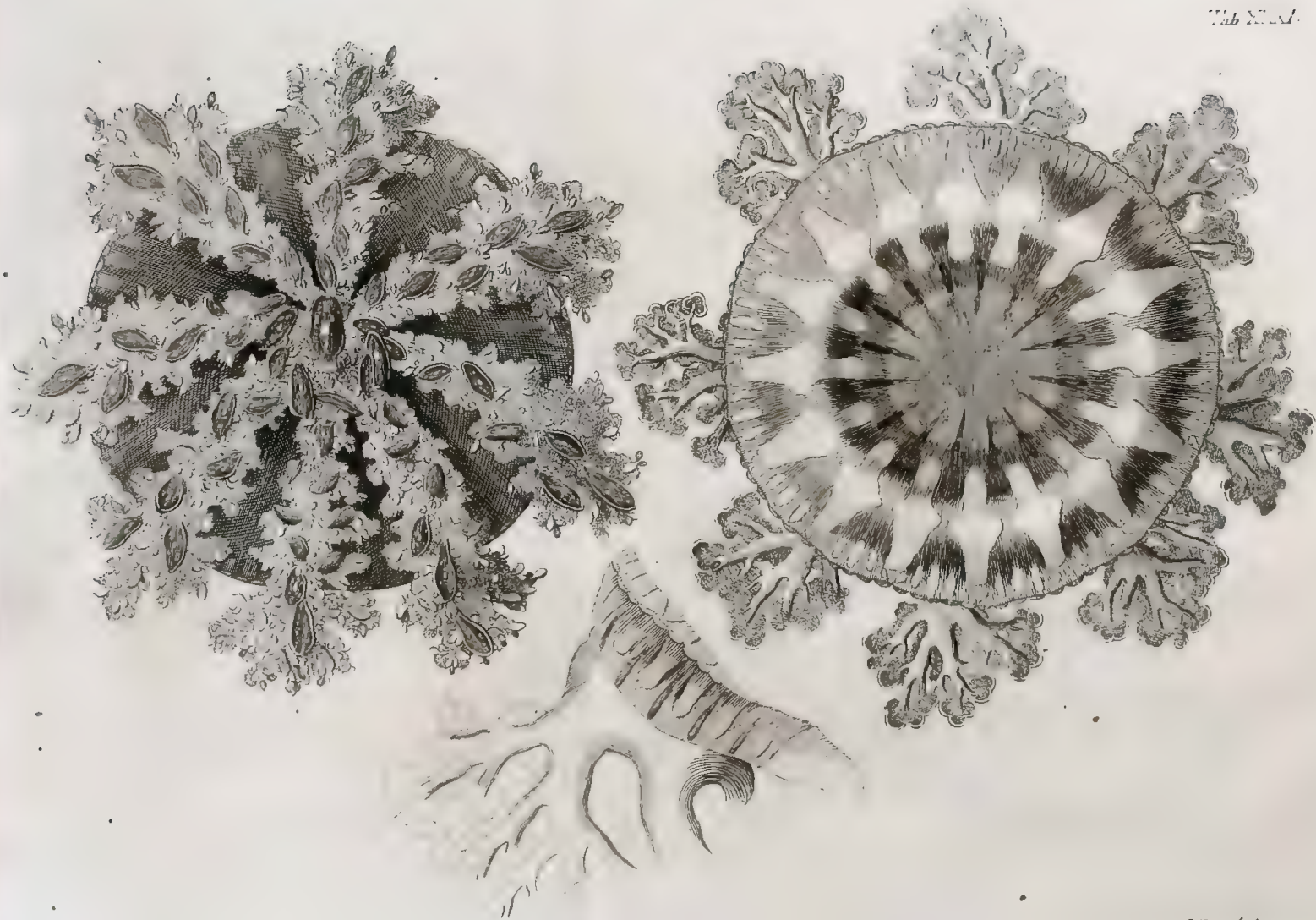


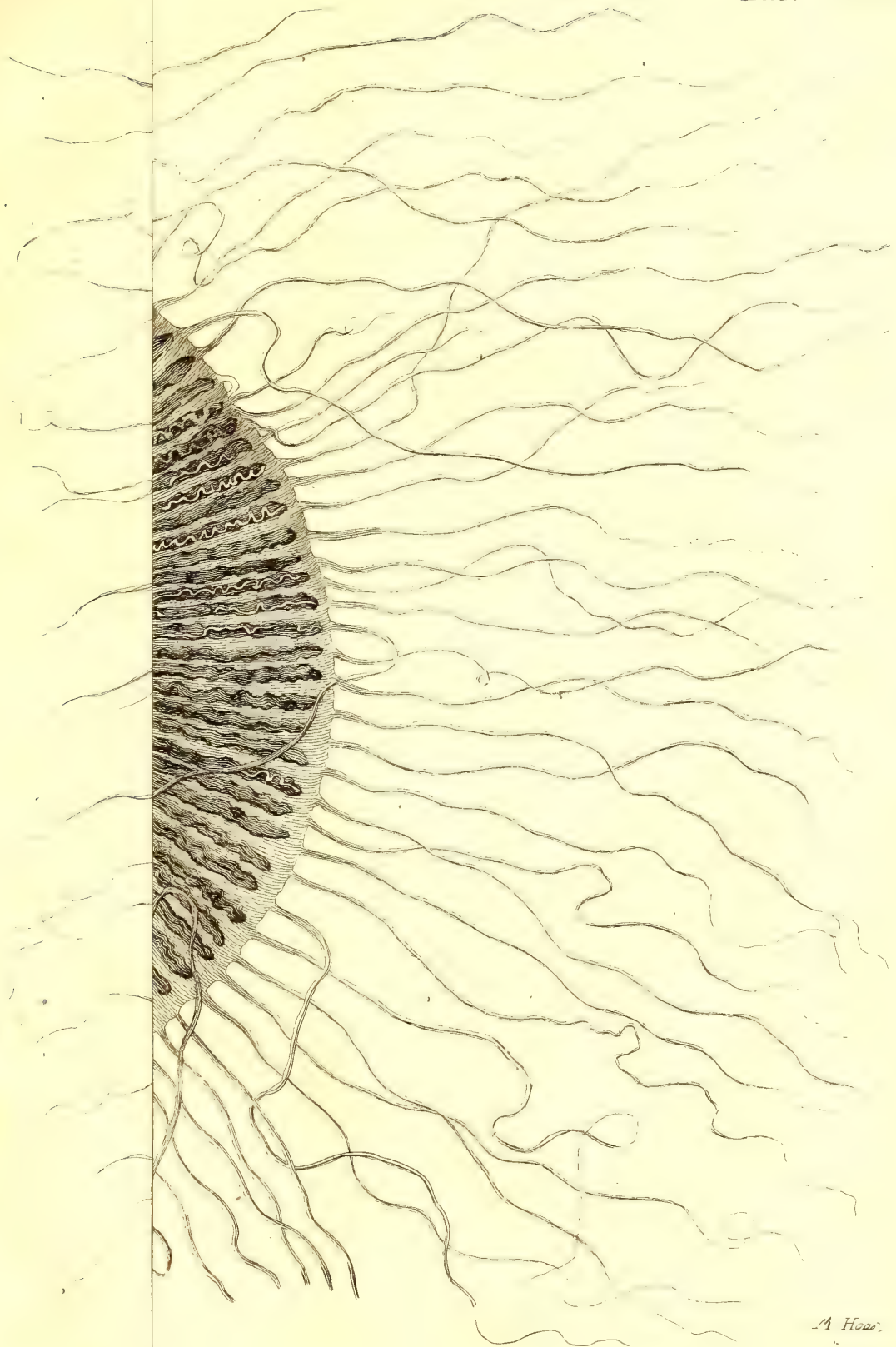


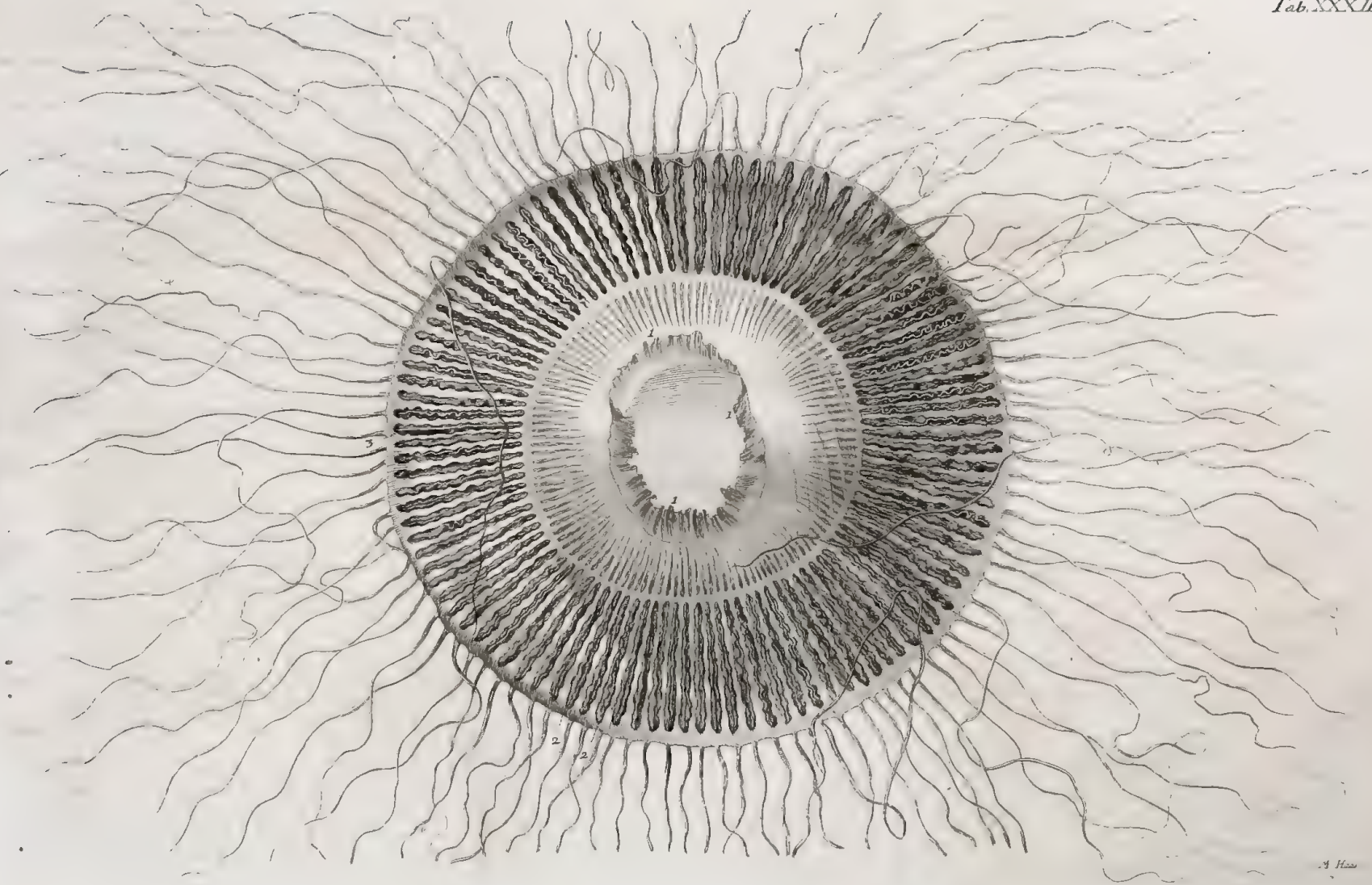






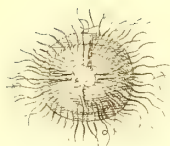




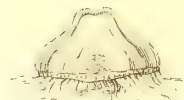




a.1.



A



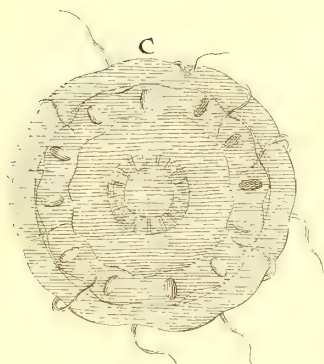
a 2



b



B

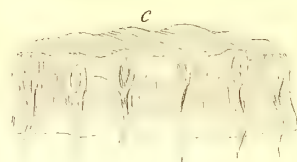


C

F



D



c



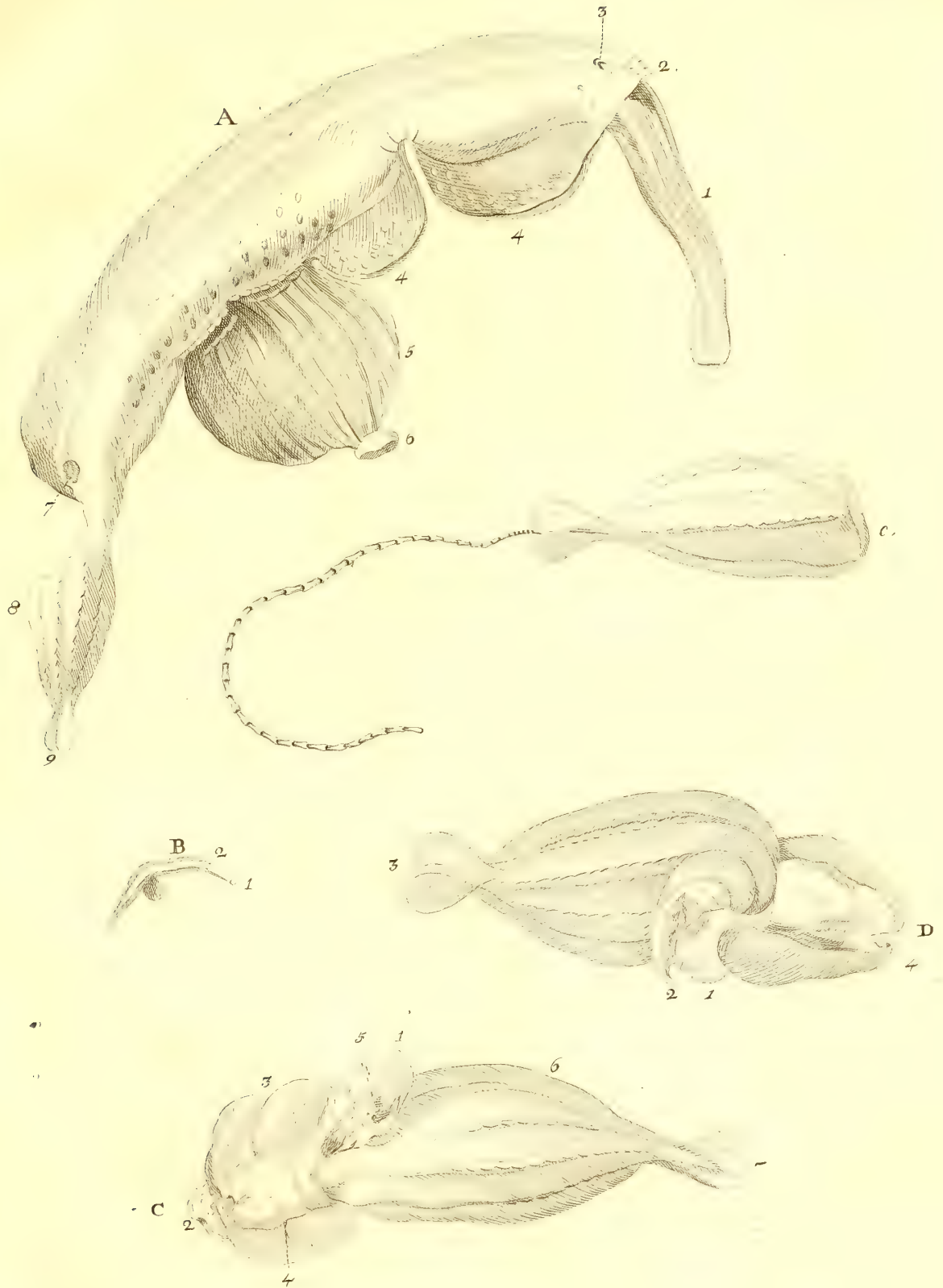
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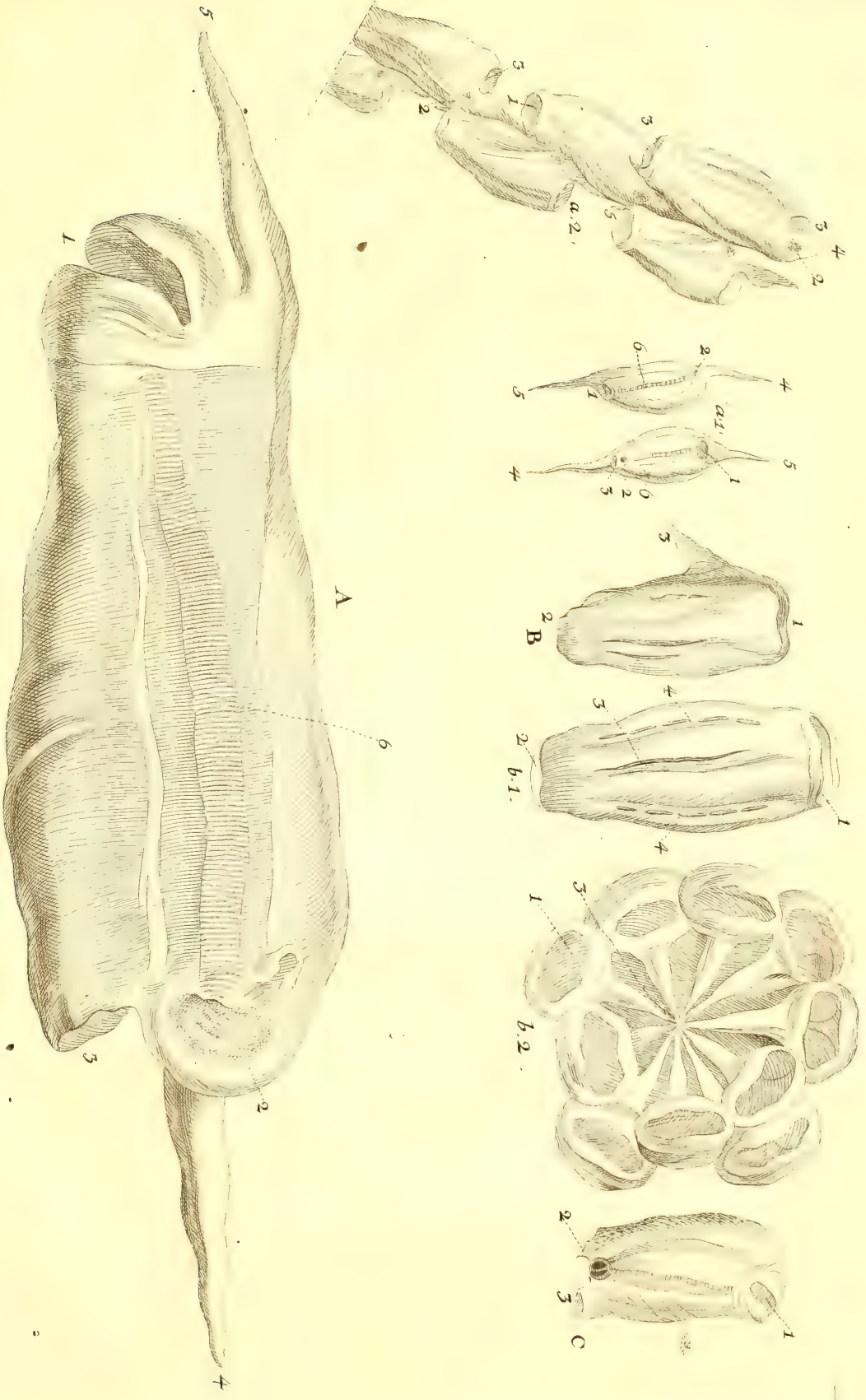


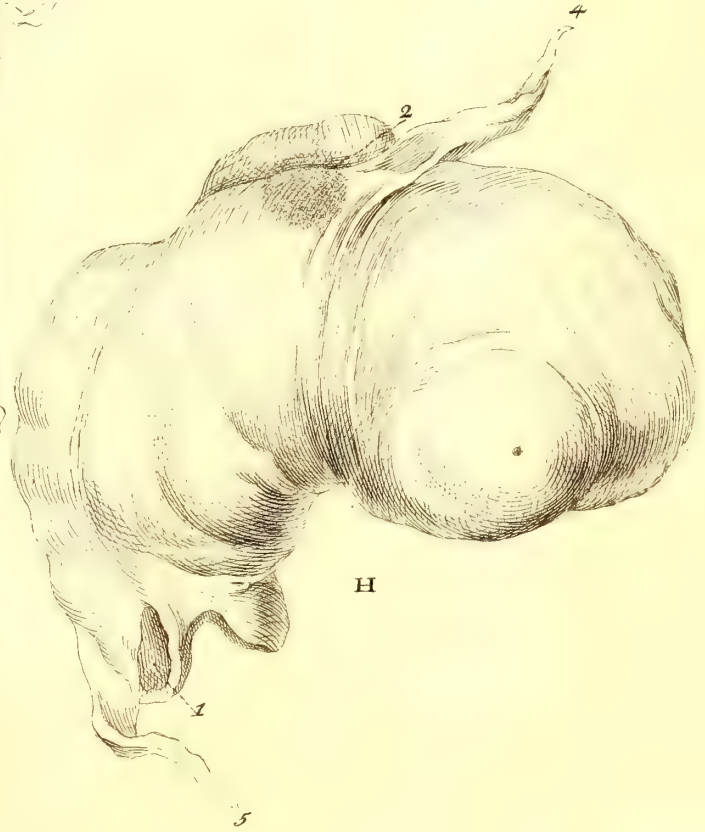
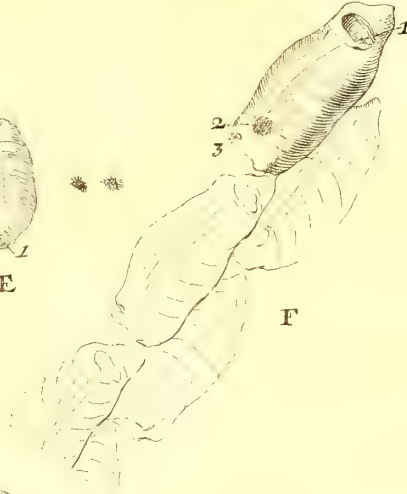
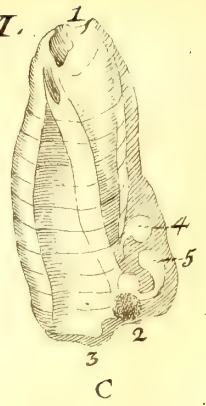
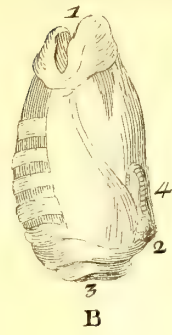
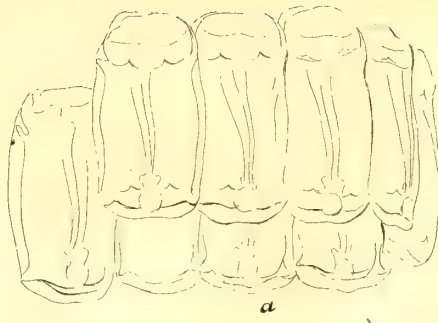
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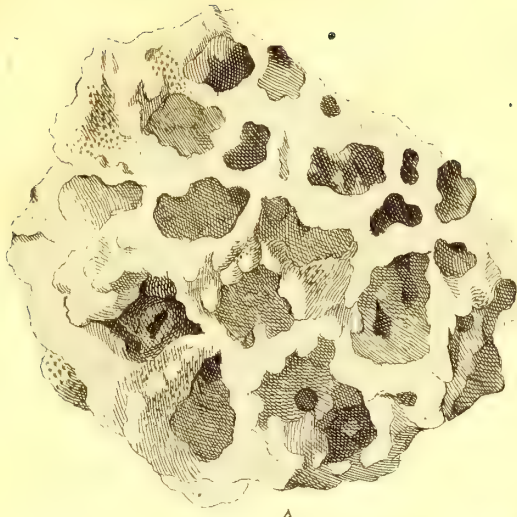


e1.









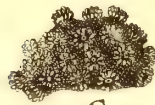
A



a



B



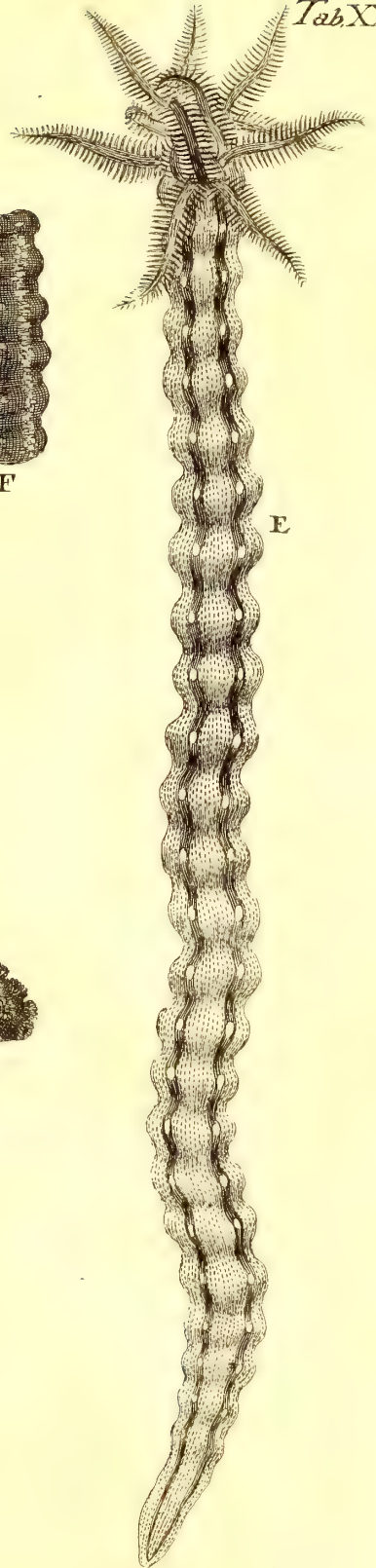
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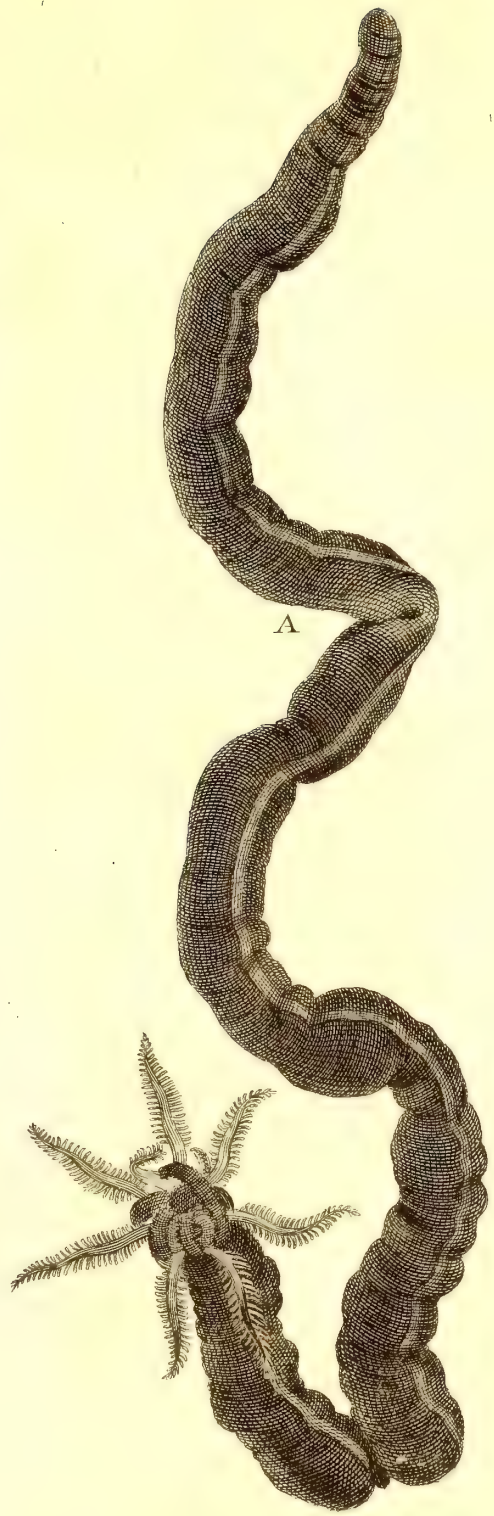
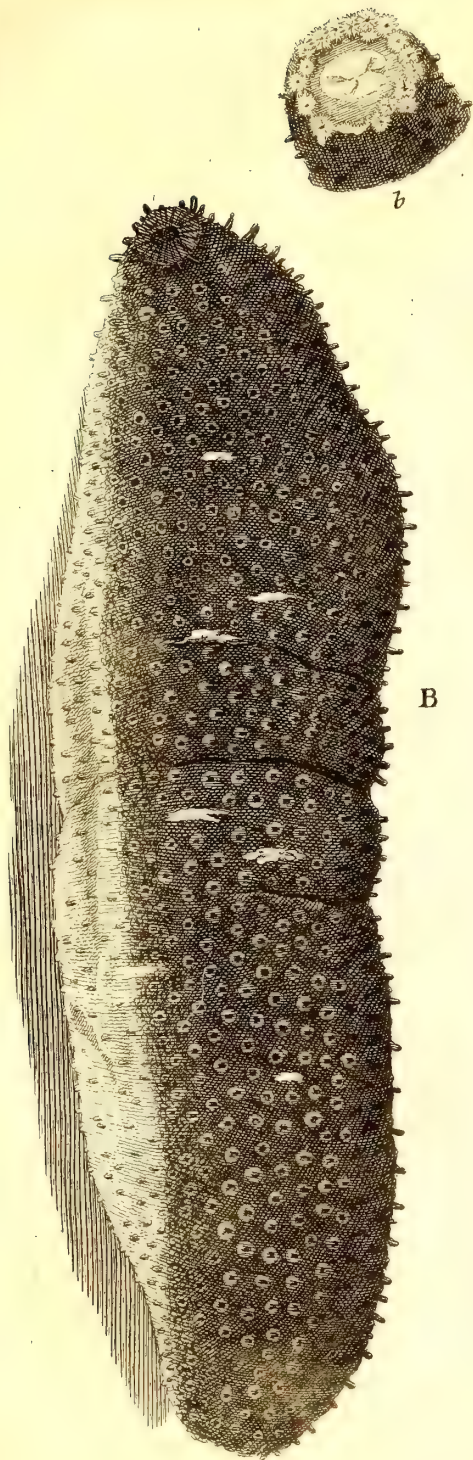
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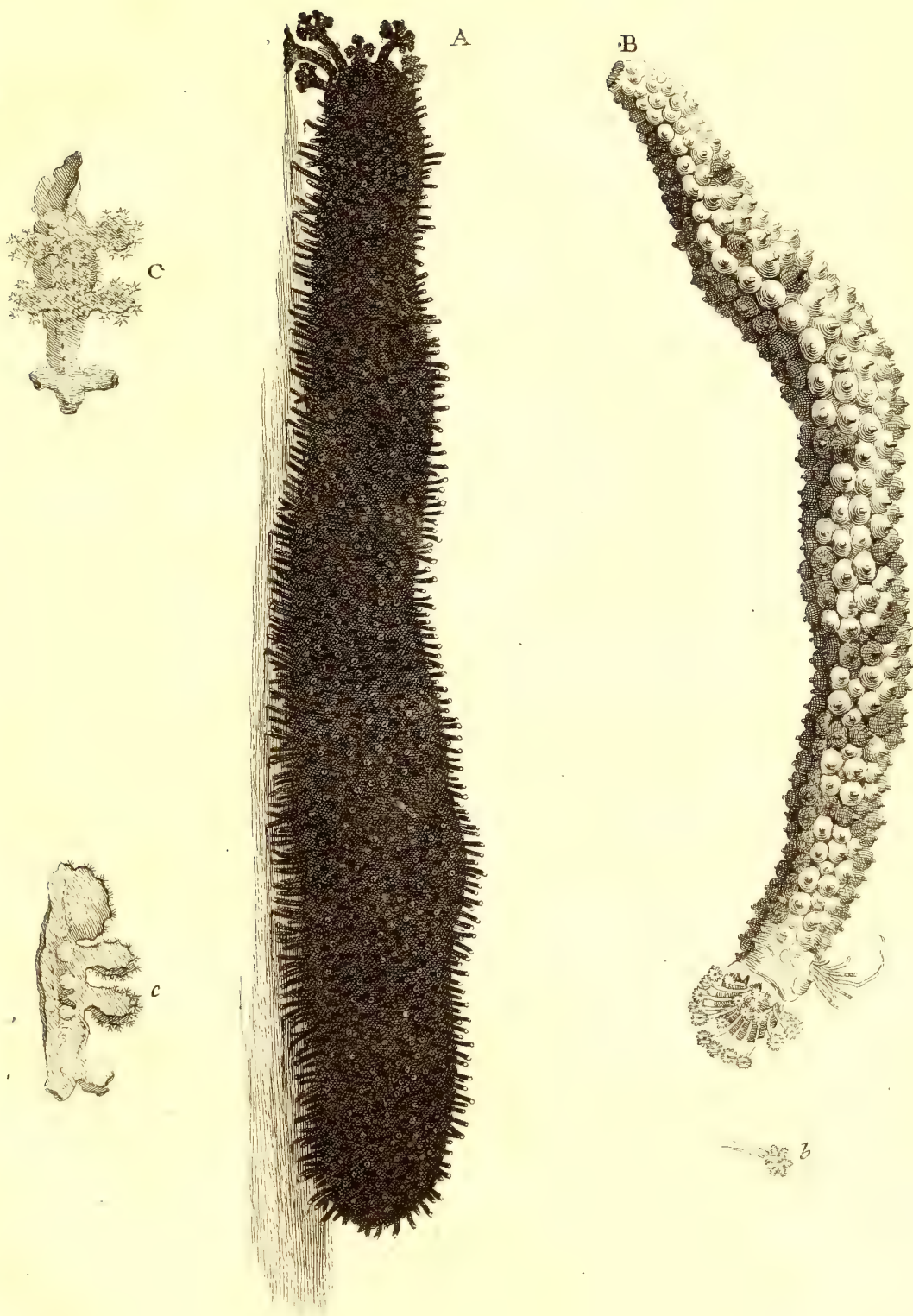


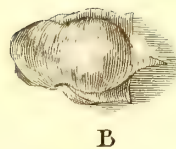
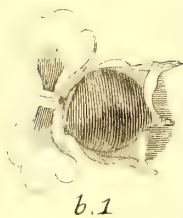
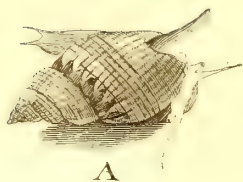
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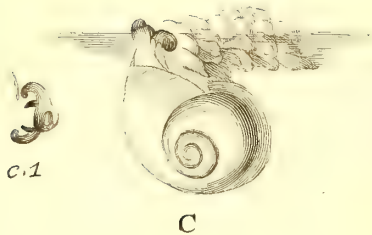
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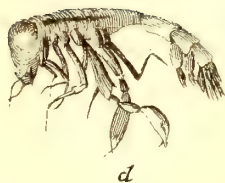
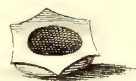
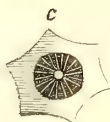
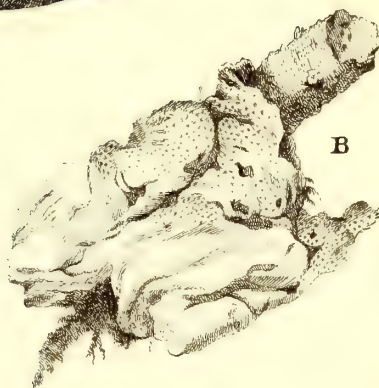
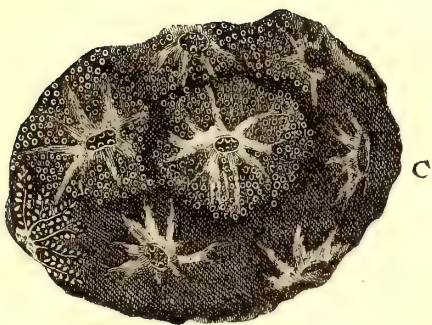
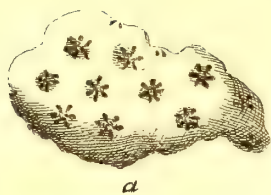


c 5 . . . c 6



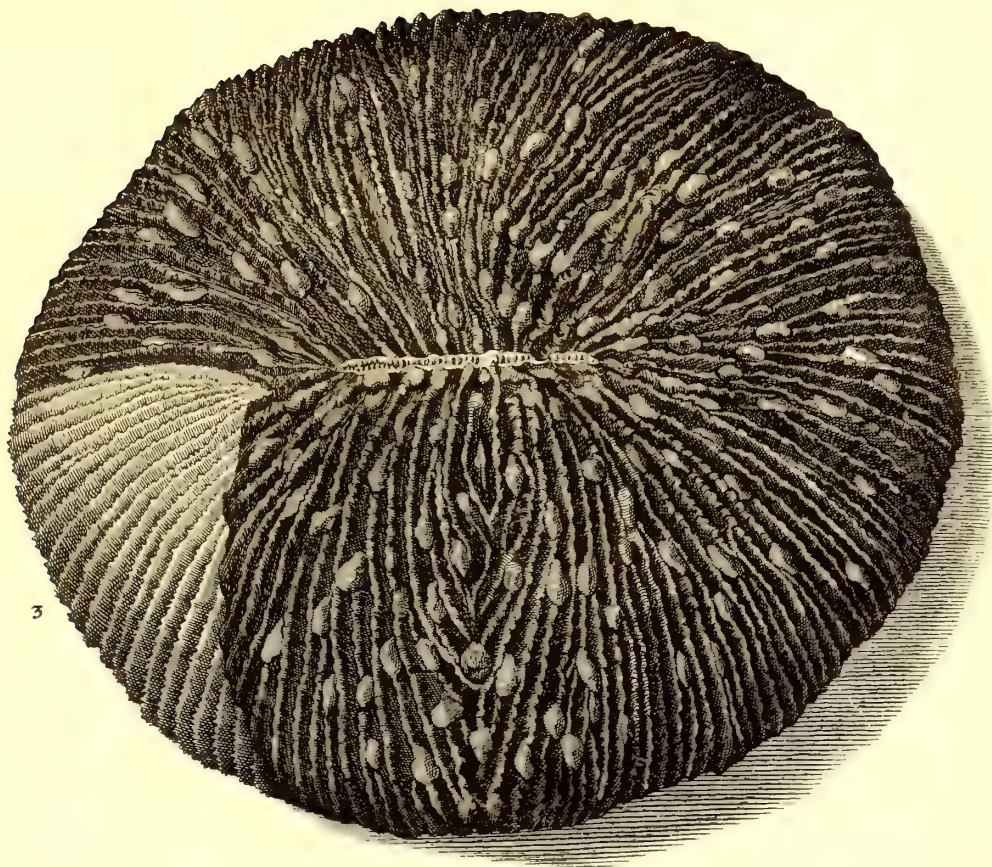
E

F

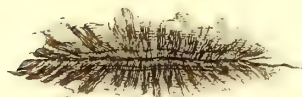




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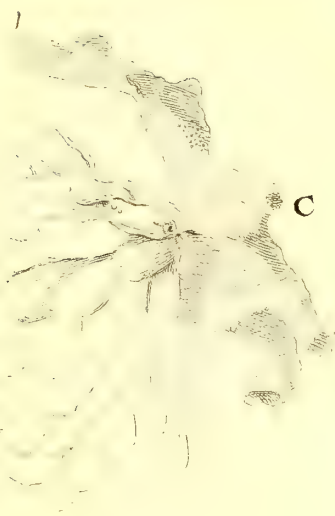
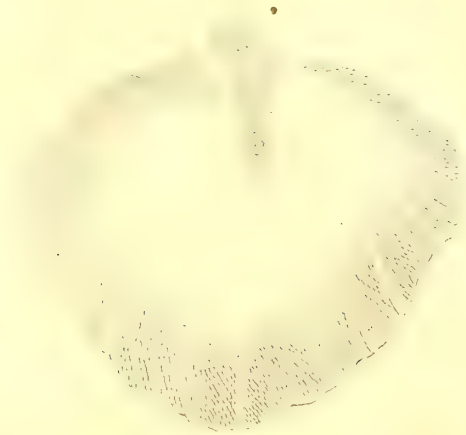


3



2

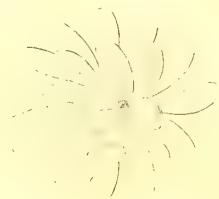
D



A



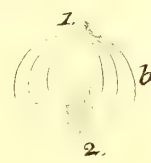
B



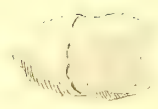
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b

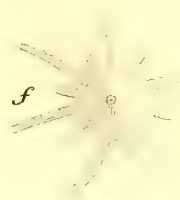
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E

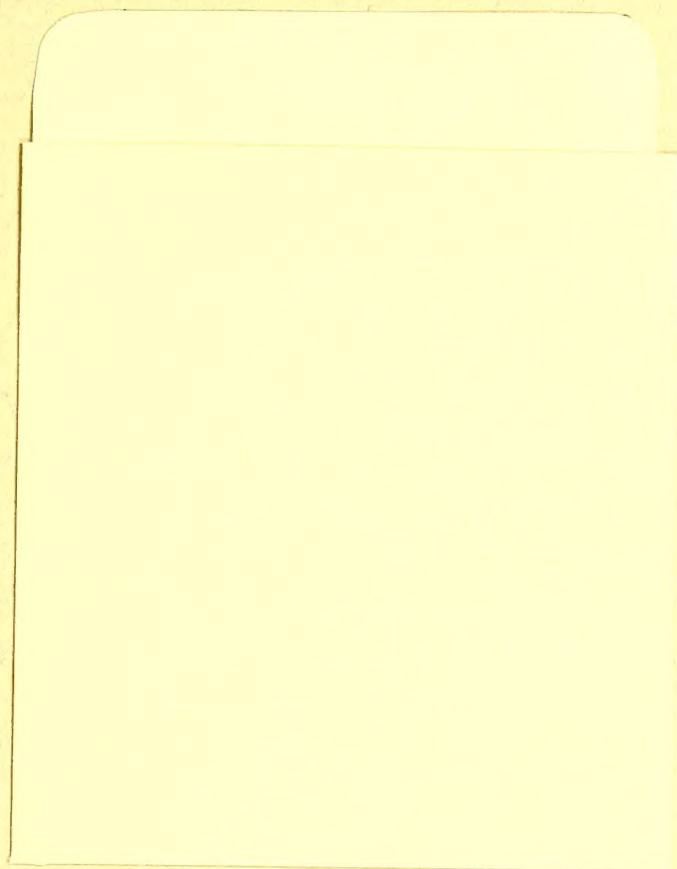


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